

EVERETT CITY COUNCIL AGENDA ITEM COVER SHEET

PROJECT TITLE:

Change Order No.2 with
Interwest Construction for
Sewer System Replacement
and Capacity Improvements
Sewer "M"

- Briefing
- Proposed Action
- Consent
- Action
- First Reading
- Second Reading
- Third Reading
- Public Hearing
- Budget Advisory

COUNCIL BILL #

Originating Department

Contact Person

Phone Number

FOR AGENDA OF

Public Works

Tom Fuchs

425-257-8931

March 16, 2016

Initialed by:

Department Head

CAA

Council President

<u>Location</u>	<u>Preceding Action</u>	<u>Attachments</u>	<u>Department(s) Approval</u>
Vicinity of Rucker to Wetmore Avenues and 10 th to 12 th Streets	Bid: January 13, 2015; Award: February 11, 2015	Change Order No. 2 Vicinity Map	Public Works

Amount Budgeted	\$11,500,000.00	Account Number(s): UP 3470
Expenditure Required	\$1,002,259.68	
Budget Remaining	\$550,000.00	
Additional Required	\$0.00	

DETAILED SUMMARY STATEMENT:

This project includes construction of combined sewers, replacing existing side sewers, storm drainage, and storm drain control structure.

Change order No. 2 adds about four additional blocks of sewer replacement and new storm drains to the project. The additional storm drain and sanitary sewer improvements at the north end of Sewer M Phase I project, will allow completion of restoration work in this area, accelerate basement flooding protection for an additional 31 homes and replace 900 feet of deteriorated sewer pipe.

It modifies 21 existing and adds 11 new items to Schedule A, and modifies 25 existing and adds nine new items to Schedule B, of the contract. The total net increase cost to the contract for these modifications is \$1,002,259.68

Additionally, Change Order No. 2 extends the project's contract time by 40 working days.

RECOMMENDATION (Exact action requested of Council):

Authorize the Mayor to sign Change Order No.2 with Interwest Construction for Sewer System Replacement and Capacity Improvements Sewer "M" in the amount of \$1,002,259.68, including Washington State sales tax.

**CITY OF EVERETT
Change Order**

Project Title Sewer System Replacement and Capacity Improvements Sewer "M"
Department Public Works
Work Order No. UP3470
Contractor: Interwest Construction, Inc.
Contract Award Date: February 11, 2015
City Staff Contact: Tom Fuchs
Change Order No. 2
Change Order Effective Date February 29, 2016

CONTRACT PRICE (exclusive of Wash. State Sales Tax)

Original contract price	\$9,924,064.00
Cumulative Amount of prior change orders	\$48,866.00
Total Contract Price including prior change orders	\$9,972,930.00
Amount of this Change Order	\$1,002,259.68
Total Contract Price including this Change Order	\$10,975,189.68

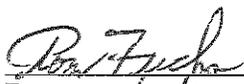
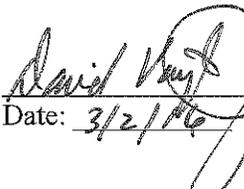
CONTRACT TIME

Original Contract Duration 260	Working Days <input checked="" type="checkbox"/> Calendar Days <input type="checkbox"/>
Date of Notice to Proceed March 30, 2015	260
Cumulative adjustment to duration by <i>prior</i> Change Orders	0
Adjustment to duration by <i>this</i> Change Order	40
New Contract Duration (<i>including</i> this Change Order)	300

Project: Sewer System Replacement and Capacity Improvements Sewer "M"
 Change Order No. 2
 Change Order Effective Date: February 29, 2016

Contractor and City agree as follows:

1. The scope of Work shall be changed to the extent described in Exhibit A.
2. With the exception of Washington State sales tax, the amount of the change order for the changes described in Exhibit A, represents complete compensation for the changes described in Exhibit A, including all direct and indirect costs and impacts. The contract price shall be adjusted as described in this Change Order.
3. Everett Municipal Code 3.80.050 sets forth the threshold amounts below which the Mayor or his designee is authorized to direct Contractor to perform additional work. In calculating such threshold amounts, Washington State sales tax, if applicable to the Work, has been considered.
4. The duration of the Contract shall be adjusted to the extent described in this Change Order.
5. Contractor waives and releases any and all claims arising out of, or related to, this Change Order, the work described in Exhibit A, and all work and actual or constructive changes that occurred or began prior to the date of this Change Order, including, but not limited to, claims for equitable adjustment of time and compensation, delay, impact, overhead, or inefficiencies. This provision does not apply to requests for equitable adjustment of time or price for which the Contractor timely and properly provided notice of a differing site condition, protest, dispute, claim or Contract Claim as required by the Contract Documents. If the Contract Documents establish a time period for notice of a differing site condition, protest, dispute, claim, or Contract Claim that ends after the date of this Change Order, but relates to work performed prior to the date of this Change Order, then this provision does not apply if the Contractor timely and properly submits such notice
6. This Change Order only changes the contract between Contractor and City to the extent explicitly provided herein.

CITY			
_____ Mayor Date: _____	Attest: _____ City Clerk Date: _____	Approved As to Form: _____ City Attorney Date: _____	
Recommended By:			
Construction Manager (if applicable)  Date: <u>3/2/16</u>	Project Engineer (if applicable)  Date: <u>3/2/16</u>	Engineering Manager (if applicable)  Date: <u>3/3/16</u>	Department Director _____ Date: _____

Project: Sewer System Replacement and Capacity Improvements Sewer "M"
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CONTRACTOR	
By  _____ Officer	Date: <u>3/2/16</u> _____

Exhibit A—Description of Changed Work

Change order #2 modifies 21 existing bid items and adds 11 new items to schedule A of the contract and modifies 25 existing bid items and adds 9 new items to schedule B of the contract as follows.

Schedule A Modified Items

Item A4 – Traffic Control Labor. Modify existing bid item A4, Traffic Control Labor, by adding 800 hours of traffic control labor at the unit price of \$54.00/hour, resulting in a \$43,200.00 contract price increase.

Item A7 – Street Cleaning & Sweeping. Modify existing bid item A7, Street Cleaning & Sweeping, by adding 40 hours of street cleaning & sweeping at the unit price of \$160.00/hour, resulting in a \$6,400.00 contract price increase.

Item A8 – Sawcut Pavement, Final Cut to 6" Thick. Modify existing bid item A8, Sawcut Pavement, Final Cut to 6" Thick, by adding 1,000 linear feet of sawcut pavement, final cut to 6" thick, at the unit price of \$2.00/linear foot, resulting in a \$2,000.00 contract price increase.

Item A9 – Sawcut Pavement, Final Cut, Additional 1" Thick. Modify existing bid item A9, Sawcut Pavement, Final Cut, Additional 1" Thick, by adding 3,000 linear feet of sawcut pavement, final cut, additional 1" thick, resulting in a \$6,000.00 contract price increase.

Item A10 – Grinding/Planing Bituminous Pavement. Modify existing bid item A10, Grinding/Planing Bituminous Pavement, by adding 1,200 square yards of grinding/planing bituminous pavement at the unit price of \$3.50 per square yard, resulting in a \$4,200.00 contract price increase.

Item A12 – Roadway Excavation Including Haul. Modify existing bid item A12, Roadway Excavation Including Haul, by adding 330 cubic yards of roadway excavation including haul at the unit price of \$44.50/cubic yard, resulting in a \$14,685.00 contract price increase.

Item A16 – Crushed Surfacing Top Course. Modify existing bid item A16, Crushed Surfacing Top Course, by adding 200 tons of crushed surfacing top course at the unit price of \$44.00/ton, resulting in a \$8,800.00 contract price increase.

Item A17 – Crushed Surfacing Base Course. Modify existing bid item A17, Crushed Surfacing Base Course, by adding 900 tons of crushed surfacing base course at the unit price of \$22.00/ton, resulting in a \$19,800.00 contract price increase.

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Item A18 – Gravel Borrow, Including Haul. Modify existing bid item A18, Gravel Borrow Including Haul, by adding 3,000 tons of gravel borrow including haul at the unit price of \$21.00/ton, resulting in a \$63,000.00 contract price increase.

Item A21 – Temporary Pavement Patch. Modify existing bid item A21, Temporary Pavement Patch, by adding 30 tons of temporary pavement patch at the unit price of \$175.00/ton, resulting in a \$5,250.00 contract price increase.

Item A22 – Asphalt Class B/HMA ½" PG 64-22. Modify existing bid item A22, Asphalt Class B/HMA ½" PG 64-22, by adding 400 tons of asphalt class B/HMA ½" PG 64-22 at the unit price of \$77.00/ton, resulting in a \$30,800.00 contract price increase.

Item A24 –Manhole 48-Inch, Type 1. Modify existing bid item A24, Manhole 48-Inch, Type 1, by adding 6 each manholes 48-inch, type 1, at the unit price of \$4,500.00/each, resulting in a \$27,000.00 contract price increase.

Item A25 –Manhole 54-Inch, Type 1. Modify existing bid item A25, Manhole 54-Inch, Type 1, by adding 1 additional manhole 54-inch, type 1, at the unit price of \$5,500.00/each, resulting in a \$5,500.00 contract price increase.

Item A27- Manhole, Additional Height, 48" Dia. Type 1. Modify bid item A27, Manhole, Additional Height, 48" Dia. Type 1, by adding 35 linear feet of manhole additional height, 48" dia. Type 1 at the unit price of \$300.00/linear foot, resulting in a \$10,500.00 contract price increase.

Item A29 – Drop Connection. Modify bid item A29, Drop Connection, by adding 1 additional drop connection at the unit price of \$3,700.00/each, resulting in a \$3,700.00 contract price increase.

Item A49 – Concrete Curb, Type E-1. Modify existing bid item A49, Concrete Curb, Type E-1, by adding 140 linear feet of concrete curb, Type E-1 at the unit price of \$22.00/linear foot, resulting in a \$3,080.00 contract price increase.

Item A50 – Cement Concrete Driveway Entrance, Type 1. Modify existing bid item A50, Cement Concrete Driveway Entrance, Type 1, by adding 80 square yards of cement concrete driveway entrance, Type 1, at the unit price of \$60.00/square yard, resulting in a \$4,800.00 contract price increase.

Item A52 – Cement Concrete Sidewalk, 4" Thick. Modify existing bid item A52, Cement Concrete Sidewalk, 4" Thick, by adding 80 square yards of cement concrete sidewalk, 4" thick at the unit price of \$48.00/square yard, resulting in a \$3,840.00 contract price increase.

Item A53 – Concrete Perpendicular Curb Ramp. Modify existing bid item A53, Concrete Perpendicular Curb Ramp, by adding one (1) each concrete perpendicular curb ramp at the unit price of \$1,510.00/each, resulting in a \$1,510.00 contract price increase.

Item A55 – Concrete Parallel Curb Ramp. Modify existing bid item A55, Concrete Parallel Curb Ramp, by adding one (1) each concrete parallel curb ramp at the unit price of \$2,050.00/each, resulting in a \$2,050.00 contract price increase.

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Item A57 – Grass Seed and Topsoil, Type A. Modify existing bid item A57, Grass Seed and Topsoil, Type A, by adding 180 square yards of grass seed and topsoil, Type A, at the unit price of \$17.00/square yard, resulting in a \$3,060.00 contract price increase.

Schedule A New Items

Item A70 – Surveying. Add new item A70 to the contract, titled "Surveying," in the lump sum price of \$3,270.00.

Item A71 – Contractor Liaison. Add new item A71 to the contract, titled "Contractor Liaison," in the lump sum price of \$10,000.00.

Item A72 – Mobilization. Add new item A72 to the contract, titled "Mobilization," in the lump sum price of \$47,150.00.

Item A73 – Maintenance & Protection of Traffic Control. Add new item A73 to the contract, titled "Maintenance & Protection of Traffic Control," in the lump sum price of \$9,330.00.

Item A74 – Temporary Sedimentation & Erosion Control. Add new item A74 to the contract, titled "Temporary Sedimentation & Erosion Control," in the lump sum price of \$5,423.00.

Item A75 – Trench Excavation Safety Systems. Add new item A75 to the contract, titled "Trench Excavation Safety Systems," in the lump sum price of \$3,180.00.

Item A76 – Pavement Markings. Add new item A76 to the contract, titled "Pavement Markings," in the lump sum price of \$2,250.00.

Item A77 – Combined Sewer Pipe, 8 Inch Diameter. Add new item A77 to the contract, titled "Combined Sewer Pipe, 8 Inch Diameter", by adding 999 linear feet of combined sewer pipe, 8-inch diameter at the unit price of \$96.64/linear foot, resulting in a \$96,543.36 contract price increase.

Item A78 – Combined Sewer Pipe, 12 Inch Diameter. Add new item A78 to the contract, titled "Combined Sewer Pipe, 12 Inch Diameter", by adding 658 linear feet of combined sewer pipe, 12-inch diameter, at the unit price of \$121.54/linear foot, resulting in a \$79,973.32 contract price increase.

Item A79 – Side Sewer Connection. Add new item A79 to the contract, titled "Side Sewer Connection", by adding 46 each side sewer connections at the unit price of \$1,570.00/each, resulting in a \$72,220.00 contract price increase.

Item A80 – Cement Concrete 6-Inch Thick, Under Asphalt Pavement. Add new item A80 to the contract, titled "Cement Concrete 6-Inch Thick, Under Asphalt Pavement", by adding 150 cubic yards of cement concrete 6-inch thick, under asphalt pavement at the unit price of \$200.00/cubic yard, resulting in a \$30,000.00 contract price increase.

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Schedule B Modified Items

Item B4 – Traffic Control Labor. Modify existing bid item B4, Traffic Control Labor, by adding 800 hours of traffic control labor at the unit price of \$55.00/hour, resulting in a \$44,000.00 contract price increase.

Item B7 – Street Cleaning & Sweeping. Modify existing bid item B7, Street Cleaning & Sweeping, by adding 60 hours of street cleaning & sweeping at the unit price of \$160.00/hour, resulting in a \$9,600.00 contract price increase.

Item B8 – Sawcut Pavement, Final Cut to 6" Thick. Modify existing bid item B8, Sawcut Pavement, Final Cut to 6" Thick, by adding 1,750 linear feet of sawcut pavement, final cut to 6" thick, at the unit price of \$2.00/linear foot, resulting in a \$3,500.00 contract price increase.

Item B9 – Sawcut Pavement, Final Cut, Additional 1" Thick. Modify existing bid item B9, Sawcut Pavement, Final Cut, Additional 1" Thick, by adding 7,000 linear feet of sawcut pavement, final cut, additional 1" thick, resulting in a \$14,000.00 contract price increase.

Item B10 – Grinding/Planing Bituminous Pavement. Modify existing bid item B10, Grinding/Planing Bituminous Pavement, by adding 1,400 square yards of grinding/planing bituminous pavement at the unit price of \$3.50 per square yard, resulting in a \$4,900.00 contract price increase.

Item B12 – Roadway Excavation Including Haul. Modify existing bid item B12, Roadway Excavation Including Haul, by adding 270 cubic yards of roadway excavation including haul at the unit price of \$44.50/cubic yard, resulting in a \$12,015.00 contract price increase.

Item B16 – Crushed Surfacing Top Course. Modify existing bid item B16, Crushed Surfacing Top Course, by adding 50 tons of crushed surfacing top course at the unit price of \$41.00/ton, resulting in a \$2,050.00 contract price increase.

Item B17 – Crushed Surfacing Base Course. Modify existing bid item B17, Crushed Surfacing Base Course, by adding 500 tons of crushed surfacing base course at the unit price of \$23.00/ton, resulting in a \$11,500.00 contract price increase.

Item B18 – Gravel Borrow, Including Haul. Modify existing bid item B18, Gravel Borrow Including Haul, by adding 1,000 tons of gravel borrow including haul at the unit price of \$21.00/ton, resulting in a \$21,000.00 contract price increase.

Item B21 – Temporary Pavement Patch. Modify existing bid item B21, Temporary Pavement Patch, by adding 70 tons of temporary pavement patch at the unit price of \$175.00/ton, resulting in a \$12,250.00 contract price increase.

Item B22 – Asphalt Class B/HMA ½" PG 64-22. Modify existing bid item B22, Asphalt Class B/HMA ½" PG 64-22, by adding 250 tons of asphalt class B/HMA ½" PG 64-22 at the unit price of \$81.00/ton, resulting in a \$20,250.00 contract price increase.

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Item B26 – Storm Drain Pipe, 8-Inch Diameter. Modify existing bid item B26, Storm Drain Pipe, 8-Inch Diameter, by adding 60 linear feet of storm drain pipe, 8-inch diameter at the unit bid price of \$55.00/linear foot, resulting in a \$3,300.00 contract price increase.

Item B27 – Storm Drain Pipe, 12-Inch Diameter. Modify existing bid item B27, Storm Drain Pipe, 12-Inch Diameter, by adding 173 linear feet of storm drain pipe, 12-inch diameter at the unit bid price of \$39.00/linear foot, resulting in a \$6,747.00 contract price increase.

Item B29 – Storm Drain Pipe, 18-Inch Diameter. Modify existing bid item B29, Storm Drain Pipe, 18-Inch Diameter, by adding 605 linear feet of storm drain pipe, 18-inch diameter at the unit bid price of \$51.00/linear foot, resulting in a \$30,855.00 contract price increase.

Item B34 – Inlets. Modify existing bid item B34, Inlet, by adding 3 each inlets at the unit bid price of \$1,415.00/each, resulting in a \$4,245.00 contract price increase.

Item B35 – Catch Basin, Type A. Modify existing bid item B35, Catch Basin, Type A, by adding 2 each catch basin, type A's at the unit bid price of \$1,600.00/each, resulting in a \$3,200.00 contract price increase.

Item B36 – Catch Basin, Type B. Modify existing bid item B36, Catch Basin, Type B, by adding 5 each catch basin, type B's at the unit bid price of \$1,700.00/each, resulting in a \$8,500.00 contract price increase.

Item B37 – Catch Basin, Type 2, 48-Inch Dia. Modify existing bid item B37, Catch Basin, Type 2, 48-Inch Dia., by adding 3 each catch basin, type 2, 48-inch diameter at the unit bid price of \$4,250.00/each, resulting in a \$12,750.00 contract price increase.

Item B48 – Manhole, Type 1, 60-Inch Dia. Modify existing bid item B48, Manhole, Type 1, 60-Inch Dia., by adding one each manhole, type 1, 60-inch diameter at the unit bid price of \$9,800.00/each, resulting in a \$9,800.00 contract price increase.

Item B54 – Concrete Curb, Type E-1. Modify existing bid item B54, Concrete Curb, Type E-1, by adding 300 linear feet of concrete curb, type E-1 at the unit price of \$22.00/linear foot, resulting in a \$6,600.00 contract price increase.

Item B57 – Cement Concrete Sidewalk, 4-Inch Thick. Modify existing bid item B57, Cement Concrete Sidewalk, 4-Inch Thick, by adding 180 square yards of cement concrete sidewalk, 4-inch thick at the unit bid price of \$48.00/square yard, resulting in a \$8,640.00 contract price increase.

Item B58 – Concrete Perpendicular Curb Ramp. Modify existing bid item B58, Concrete Perpendicular Curb Ramp, by adding 3 each concrete perpendicular curb ramps at the unit bid price of \$1,510.00/each, resulting in a \$4,530.00 contract price increase.

Item B60 – Concrete Parallel Curb Ramp. Modify existing bid item B60, Concrete Parallel Curb Ramp, by adding 3 each concrete parallel curb ramps at the unit bid price of \$2,050.00/each, resulting in a \$6,150.00 contract price increase

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Item B61 – Survey Monument. Modify existing bid item B61, Survey Monument, by adding 1 each survey monument at the unit bid price of \$1,100.00, resulting in a \$1,100.00 contract price increase.

Item B63 – Grass Seed and Topsoil, Type A. Modify existing bid item B63, Grass Seed and Topsoil, Type A, by adding 300 square yards of grass seed and topsoil, Type A, at the unit price of \$18.00/square yard, resulting in a \$5,400.00 contract price increase.

Schedule B New Items

Item B70 – Surveying. Add new item B70 to the contract, titled "Surveying," in the lump sum price of \$4,905.00.

Item B71 – Contractor Liaison. Add new item B71 to the contract, titled "Contractor Liaison," in the lump sum price of \$10,000.00.

Item B72 – Mobilization. Add new item B72 to the contract, titled "Mobilization," in the lump sum price of \$27,500.00.

Item B73 – Maintenance & Protection of Traffic Control. Add new item B73 to the contract, titled "Maintenance & Protection of Traffic Control," in the lump sum price of \$13,995.00.

Item B74 – Temporary Sedimentation & Erosion Control. Add new item B74 to the contract, titled "Temporary Sedimentation & Erosion Control," in the lump sum price of \$5,423.00.

Item B75 – Trench Excavation Safety Systems. Add new item B75 to the contract, titled "Trench Excavation Safety Systems," in the lump sum price of \$4,770.00.

Item B76 – 48-Inch Type 3 Manhole. Add new item B76 to the contract, titled "48-Inch Type 3 Manhole", by adding 1 each 48-inch Type 3 manhole at the unit price of \$6,578.00, resulting in a \$6,578.00 contract price increase.

Item B77 – Additional Height 60-Inch Type 3 Manhole. Add new item B77 to the contract, titled "Additional Height 60-Inch Type 3 Manhole", by adding 8 linear feet of additional height 60-inch type 3 manhole at the unit price of \$461.50/linear foot, resulting in a \$3,692.00 contract price increase.

Item B78 – Cement Concrete 6-Inch Thick, Under Asphalt Pavement. Add new item B78 to the contract, titled "Cement Concrete 6-Inch Thick, Under Asphalt Pavement", by adding 150 cubic yards of cement concrete 6-inch thick, under asphalt pavement at the unit price of \$200.00/cubic yard, resulting in a \$30,000.00 contract price increase.

SUMMARY:

Modifying 21 existing bid items and adding 11 new items to schedule A of the contract, results in a \$628,514.68 contract price increase to schedule A work. By modifying 25 existing bid items and adding 9 new items to schedule B of the contract, results in a \$373,745.00 contract price increase to schedule B work. **Work being added by this change order #2 results in a \$1,002,259.68 contract price increase.**

Project: Sewer System Replacement and Capacity Improvements Sewer "M"
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JUSTIFICATION:

Public Works engineers have determined it to be advantageous to add some more work to the Sewer M Phase 1 construction project currently in progress by Interwest Construction. The additional work is in the vicinity of Rucker Ave to Wetmore and 10th St. to 12th St. (northwest of Providence Hospital), and involves the same type of construction activities as the current work. See attached exhibit.

Some of this work was previously scheduled to be done in the Phase 2 project (on 10th St. from Rucker to Colby) and some was added due to recently discovered poor sewer pipe condition (alley between Colby and Wetmore from 10th to 12th St). Completing this added work during the Phase 1 project will enable the construction contractor to more efficiently complete the street restoration in the overall area and eliminate the need to disrupt this area of the neighborhood at a later date. Approximately 8 weeks is needed to accomplish the work. Residents in this area have received notification of this upcoming work.

CONTRACT TIME: Forty, (40), additional working days are being added to the contract as a result of change order #2.

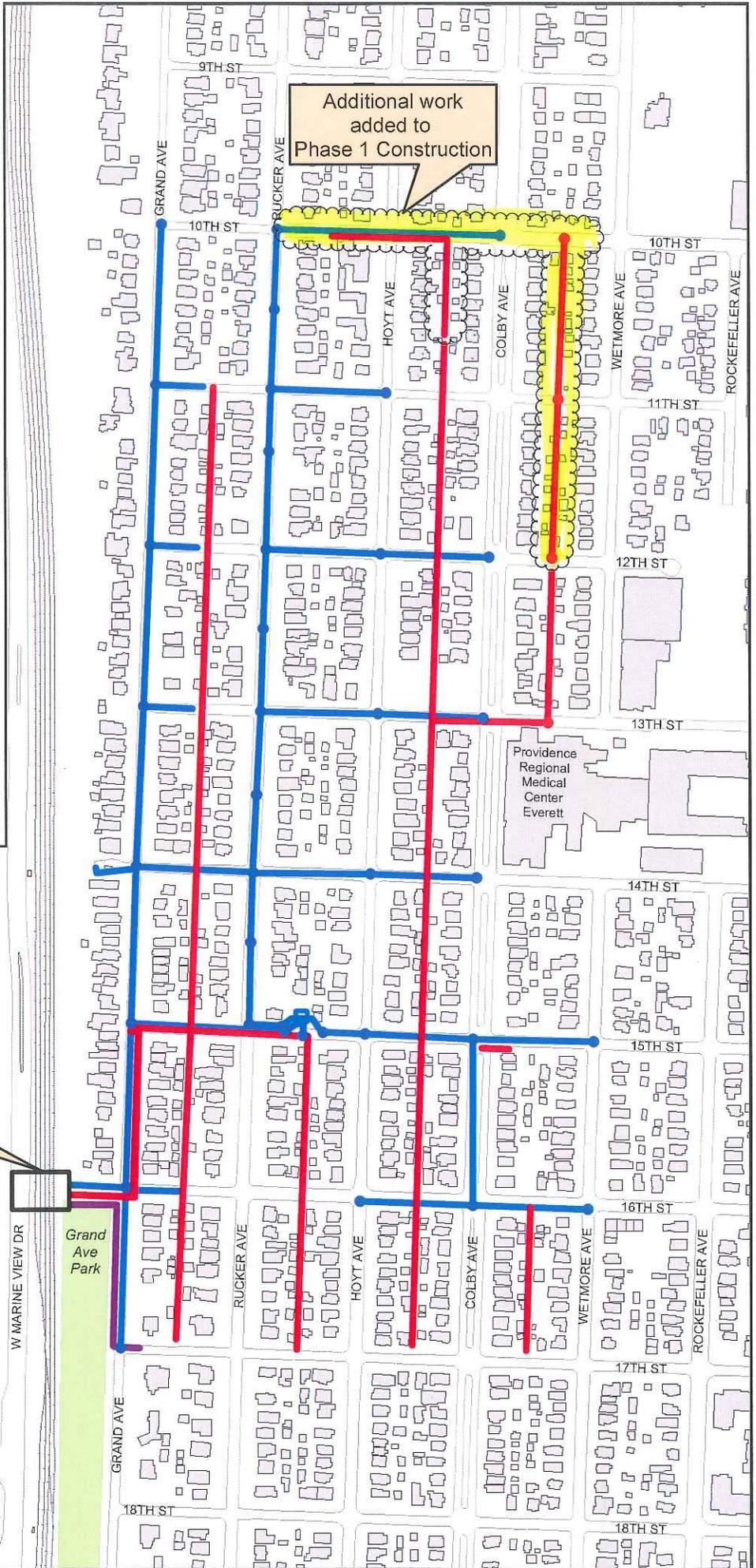
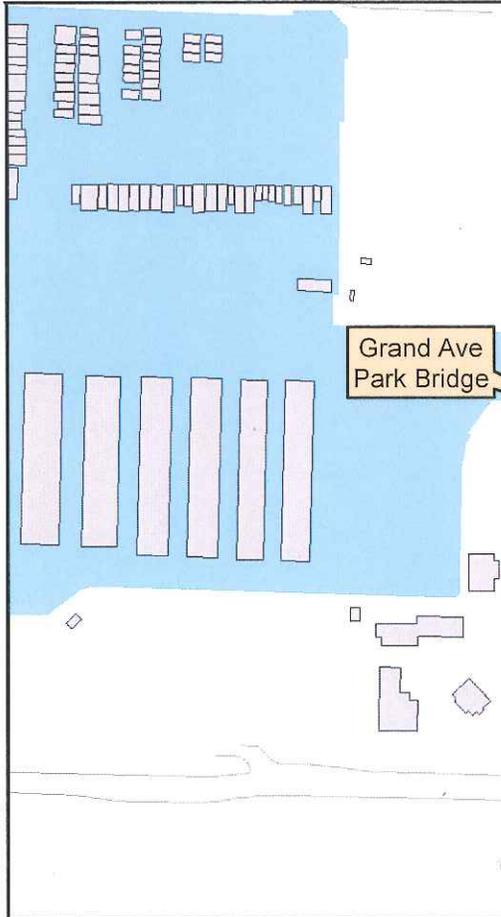
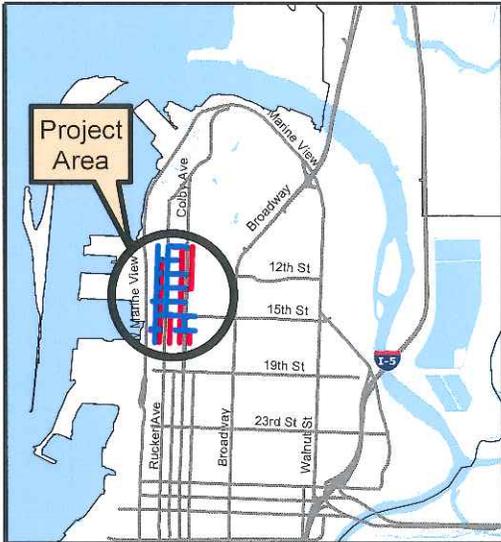
Sewer System Project M Phase One

-  Replacement Sewer Main
-  New Stormwater System
-  Sewer Force Main

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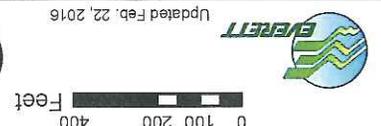


Updated Feb. 22, 2016

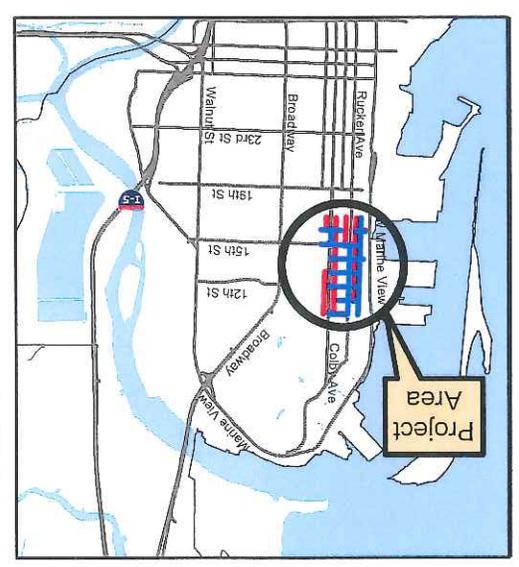


Sewer System Project M Phase One

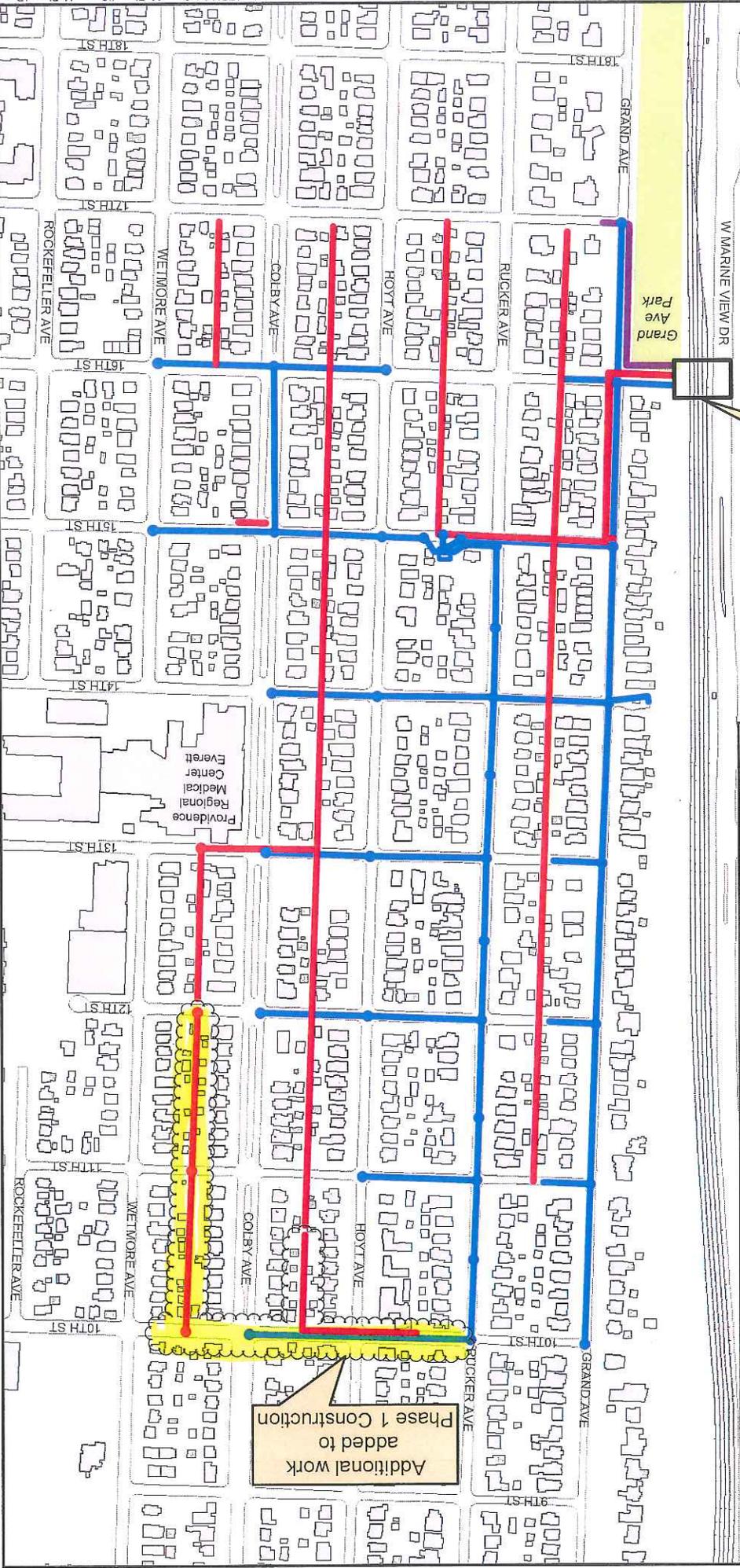
-  Replacement Sewer Main
-  New Stormwater System
-  Sewer Force Main



Updated Feb. 22, 2016



Grand Ave
Park Bridge



Additional work
added to
Phase 1 Construction